


Revision DATE: 12/17/03 REVISION: New Format		<h1 style="margin: 0;">UNDERGROUND STRUCTURE DESCRIPTION AND IDENTIFICATION CODES</h1>	<h2 style="margin: 0;">UGS</h2>																																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">STRUCTURE NAME</th> <th style="width: 10%;">CADME CODE</th> <th style="width: 10%;">OBSOLETE CODE</th> <th style="width: 60%;">DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>Manhole</td> <td>M</td> <td>MH</td> <td>Any size or shape subsurface box with 5 feet or more head room(ceiling height) at least 4 feet wide with a round man access cover and cone.</td> </tr> <tr> <td>Vault</td> <td>V</td> <td>V</td> <td>Any size or shape box, above or below grade with 5 feet or more head room, 4 feet minimum width with working space and room for transformers, switches or other equipment and with a minimum 4 feet wide equipment access opening.</td> </tr> <tr> <td>Enclosure</td> <td>E</td> <td>E</td> <td>An above grade fenced or walled area with or without a top cover, with working space and room for transformers. switches or other equipment.</td> </tr> <tr> <td>Pad</td> <td>P</td> <td>PM</td> <td>A level above grade surface for supporting a padmounted transformer. May or may not cover a cable pulling/training box (slab-box or handhole).</td> </tr> <tr> <td>Pullbox</td> <td>X</td> <td>PB</td> <td>A subsurface box with minimum dimension of 2'x3'x3' and maximum dimension of 3'Wx6'Lx6'D, for pulling and splicing 200 amp class cables and/or housing up to three 200 amp load-break junctions.</td> </tr> <tr> <td>Buried Transformer Enclosure</td> <td>B</td> <td>BTE</td> <td>A subsurface enclosure for housing a single-phase BURD transformer with ventilation generally using a grating for equipment access.</td> </tr> <tr> <td>Commercial Subsurface Transformer Enclosure</td> <td>C</td> <td>CST</td> <td>A subsurface enclosure for housing more than one single-phase BURD transformer, or one single-phase transformer and one or more 200 amp junctions, or a 3-phase BURD transformer. Enclosure covers and ventilation grating are the roof of the structure. Enclosures are at least 6' deep and 4' wide.</td> </tr> <tr> <td>Subsurface Switch Enclosure</td> <td>SE</td> <td>SE</td> <td>A subsurface enclosure without ventilation (solid covers) and may be only 3Y2 feet deep for housing 200 amp junctions or a minimum of 6' deep when designed for a 600 amp submersible switch.</td> </tr> </tbody> </table>				STRUCTURE NAME	CADME CODE	OBSOLETE CODE	DESCRIPTION	Manhole	M	MH	Any size or shape subsurface box with 5 feet or more head room(ceiling height) at least 4 feet wide with a round man access cover and cone.	Vault	V	V	Any size or shape box, above or below grade with 5 feet or more head room, 4 feet minimum width with working space and room for transformers, switches or other equipment and with a minimum 4 feet wide equipment access opening.	Enclosure	E	E	An above grade fenced or walled area with or without a top cover, with working space and room for transformers. switches or other equipment.	Pad	P	PM	A level above grade surface for supporting a padmounted transformer. May or may not cover a cable pulling/training box (slab-box or handhole).	Pullbox	X	PB	A subsurface box with minimum dimension of 2'x3'x3' and maximum dimension of 3'Wx6'Lx6'D, for pulling and splicing 200 amp class cables and/or housing up to three 200 amp load-break junctions.	Buried Transformer Enclosure	B	BTE	A subsurface enclosure for housing a single-phase BURD transformer with ventilation generally using a grating for equipment access.	Commercial Subsurface Transformer Enclosure	C	CST	A subsurface enclosure for housing more than one single-phase BURD transformer, or one single-phase transformer and one or more 200 amp junctions, or a 3-phase BURD transformer. Enclosure covers and ventilation grating are the roof of the structure. Enclosures are at least 6' deep and 4' wide.	Subsurface Switch Enclosure	SE	SE	A subsurface enclosure without ventilation (solid covers) and may be only 3Y2 feet deep for housing 200 amp junctions or a minimum of 6' deep when designed for a 600 amp submersible switch.
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APPROVAL: John Pervey

DATE: 12/29/03



# UNDERGROUND STRUCTURES DESCRIPTION AND IDENTIFICATION CODES

UGS

STRUCTURE NAME	CADME CODE	OBSOLETE CODE	DESCRIPTION
BURD	BSE	BSE	A subsurface enclosure without ventilation with switch equipment access used for above grade switching enclosure operation
Padmounted Junction Cabinet	PIC	PJC,PJ	A level above grade surface for supporting either a 600 amp or 200 amp padmounted cable terminal bus (load-break or dead-break) with or without a ground sleeve/cable training/pulling box.
Padmounted Switch Enclosure/ Cabinet or Vault	PSE	PSC or PSV	A level above grade surface for supporting a padmounted switch (either air, oil, gas or vacuum) or a subsurface box (see vault description) where or part of the roof is used to support a padmounted switch.
Service Box	SVB		A subsurface box for secondary cable.

CADME codes have been approved by the T & D Standards Committee, at the meeting on 8-27-97, to be used for underground structure identification.